

# TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

Produced by  
CATS on 12/8/99

NASA/GODDARD SPACE FLIGHT CENTER

## REQUEST FOR TASK PLAN / TASK ORDER

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CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NAS5-99124 <b>187</b> AMENDMENT	410-287-15-36-89	00

TASK TITLE	Task End Date:
MAP INSTRUMENT HARNESS FABRICATION, DOCUMENTATION AND TEST	3/31/00

APPROVALS:				
ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)	DATE	ORG CODE	MAIL CODE	PHONE
Lisa Bartusek <i>Lisa Bartusek</i>	12/10/99	565.0	410.4	301-286-1311
BRANCH HEAD	DATE	CODE		PHONE
Paul Bryant <i>Paul Bryant</i>	12/13/99	565.0		301-286-7897
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)	DATE	CODE		PHONE
Robert S. Lehair, Jr. <i>Robert S. Lehair, Jr.</i>	12/16/99	560		301-286-6588
FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? (IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)		CONT. ACTION OFFICER'S QUALITY REP.		DESIGNATED FAM
<input type="radio"/> NO <input checked="" type="radio"/> YES		<i>See for L. Moore per email</i>		Mike Delmont

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or the technical requirements of the Task Order Statement of Work and related specifications.	(To be completed by Contracting Officer)
The contractor shall complete and submit the required Reps and Certs.	C.O. Requested Quote on: Date: DEC 17 1999

Contractor will develop specification or statement of work under this task.	<input checked="" type="radio"/> NO <input type="radio"/> YES
Flight hardware will be shipped to GSFC for testing prior to final delivery.	<input checked="" type="radio"/> NO <input type="radio"/> YES <input type="radio"/> N/A
Government Furnished Property/Facilities:	<input type="radio"/> NO <input checked="" type="radio"/> YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)
Onsite Performance:	<input type="radio"/> NO <input checked="" type="radio"/> YES If yes: <input checked="" type="radio"/> TOTAL <input type="radio"/> PARTIAL
Surveillance Plan Attached:	<input checked="" type="radio"/> NO <input type="radio"/> YES If partial, indicate onsite work in SOW by asterisk (*)

Highlighted Contract Clauses:	(To be completed by Contracting Officer)
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Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be January 1, 2000.

INCENTIVE FEE STRUCTURE (check one)					
(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)					
	<input type="radio"/> No. 1	<input type="radio"/> No. 2	<input type="radio"/> No. 3	<input type="radio"/> No. 4	<input checked="" type="radio"/> No. 5
Cost	10%	50%	25%	25%	10%
Schedule	15%	25%	25%	50%	45%
Technical	75%	25%	50%	25%	45%

(To be completed by Contracting Officer)	
The target cost of this task order is \$ 198,841	
The target fee of this task order is \$ 11,490	
The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of the contract is \$ 210,331	
The maximum fee is \$ 16,793	
The minimum fee is \$0.	

AUTHORIZED SIGNATURE:	ELIZABETH J. AUSTIN
<i>Elizabeth J. Austin</i>	CONTRACTING OFFICER
SIGNATURE OF CONTRACTING OFFICER	DATE 3/30/00
TYPED NAME OF CONTRACTING OFFICER	

CONTRACTOR'S ACCEPTANCE:	
AUTHORIZED SIGNATURE	DATE

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Applicable paragraphs from contract Statement of Work: ffff

**STATEMENT OF WORK:** (See page 3)**PERFORMANCE SPECIFICATIONS:**

All activities involving Flight Hardware shall be in compliance with and adhere to the procedures specified in (1) MAP Quality Manual, MAP-MSN-MGMT-22 and appendices thereto, and (2) MIL-STD-1773. All documentation will be configured in accordance with the MAP Configuration Management Plan, MAP-MSN-MGMT-21. All activities shall be in accordance with Goddard safety and engineering standards, procedures and guidelines.

Technicians will be ESD, Crimping and Soldering certified through out performance period.

**APPLICABLE DOCUMENTS:**

- (1) MIL-STD-1773
- (2) MAP Quality Manual, MAP-MSN-MGMT-22 and appendices thereto
- (3) MAP Configuration Plan, MAP-MSN-MGMT-21
- (4) GSFC ISO 9000

**MILESTONES/DELIVERABLES AND DATES:****Absolute**

<u>Due Date</u>	<u>Milestone/Deliverable Description</u>
1/31/00	Complete instrument harness documentation
2/15/00	Complete instrument spare harness fabrication
2/28/00	Complete instrument integration services
2/28/00	Complete thermal hardware installation services
3/31/00	Complete instrument test services

**PERFORMANCE STANDARDS:**

Schedule: Completion of harness fabrication and successful testing

Technical: Acceptance of each of the deliverables

**FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):**

Lisa Bartusek, Code 565, B. 29, Rm 150, Mail Code 410.4

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**Contract NAS5-99124****STATEMENT OF WORK:****TASK #: 187***(This is a follow-on to Task 163 under this contract. Task start date is 1/3/00).*

In support of MAP's scientific instrument, the contractor shall provide MAP instrument experienced electrical cryogenic harness technicians to fabricate cryogenic harness who can consistently and successfully pass acceptance testing with their work. Cryogenic harness technicians must be highly skilled and experienced with the ability to solder tiny wires (40 AWG), experience with fabrication methods and materials involved in cryogenic harness work and experience with work under a microscope. They must be familiar with techniques involved with crimping stainless steel wires.

All MAP PRT shielding on the TRS and microwave system are to be completed by the contractor to meet specifications and schedule requirements. Additionally, after the cold-vibe-cold test the harness dressing for the microwave system will be completed.

Contractor shall provide for, meet all specifications and complete the prototyping, qualification, fabrication and testing of the flight spare instrument harness, using the round Gore cable.

Contractor shall provide for completion of the observatory environmental testing preparations started under Task 163.

Instrument and spacecraft harness integration, lead shielding after integration, and harness readiness for environmental testing are to be completed to meet the technical and schedule requirements.